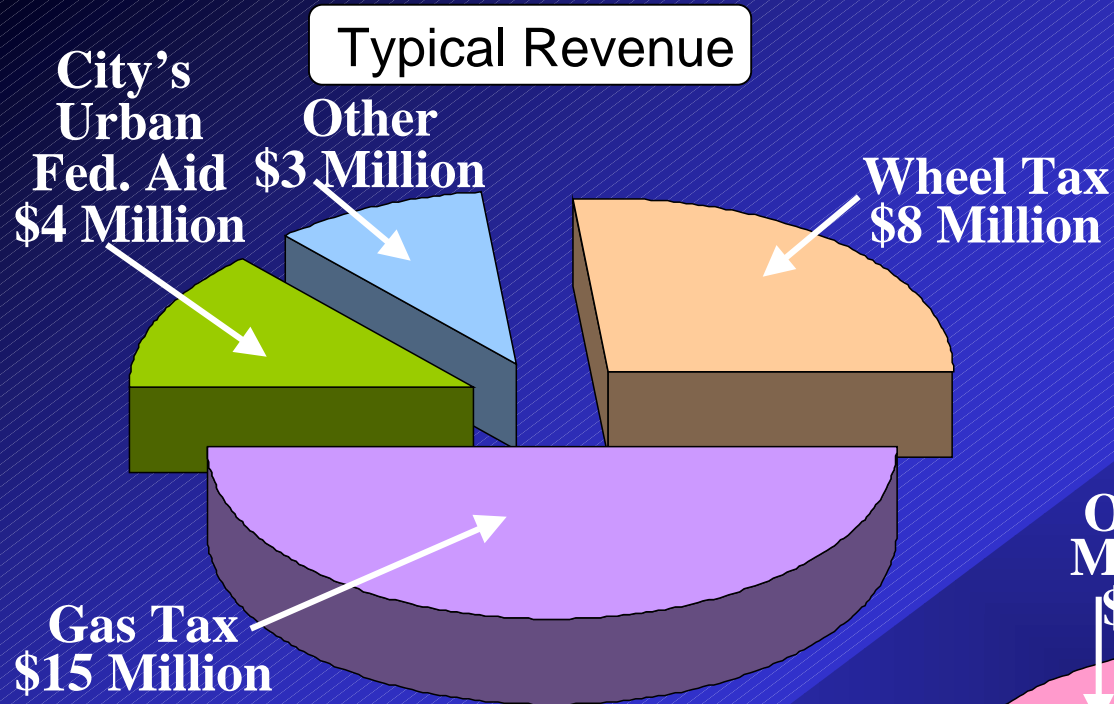
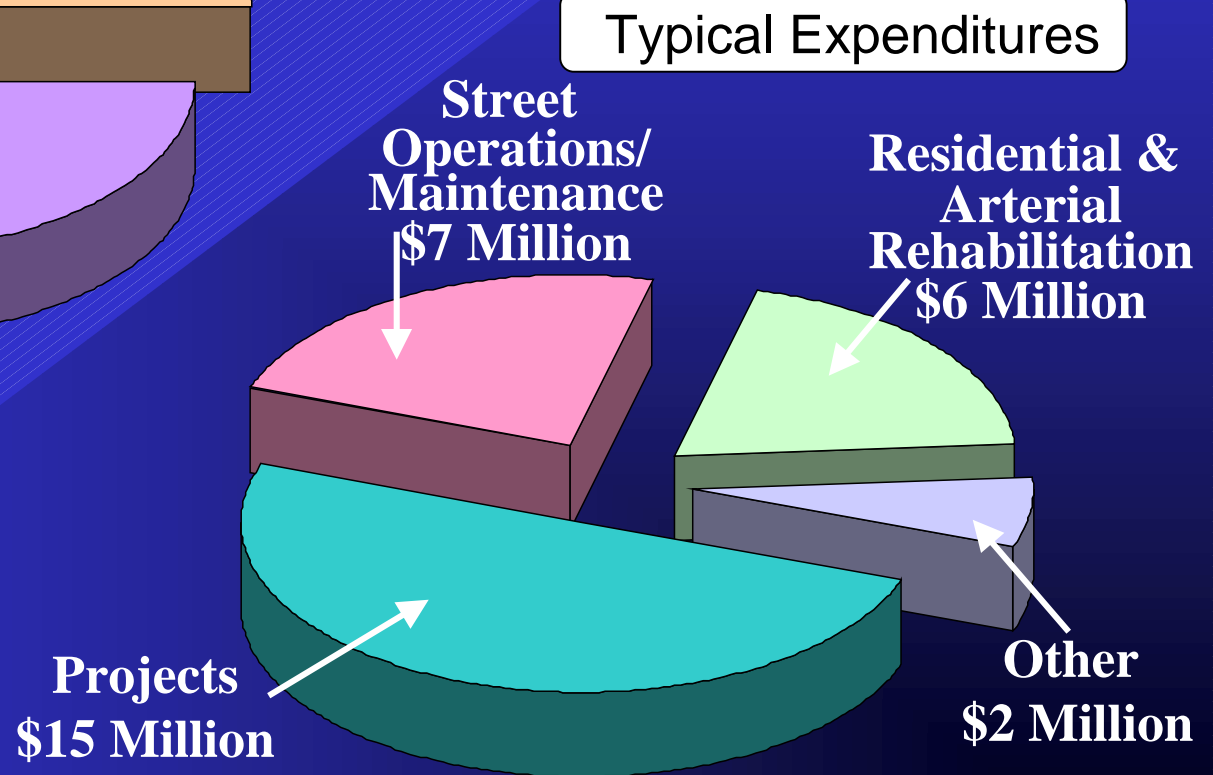


# FY 2002 -03 Lincoln's Street & Highway Funding



Typical  
Annual Revenue  
= \$30 Million



Typical Annual Expenditure = \$30 Million

# Street Improvements

Revenue - over 6 years

Annual

Total

- Wheel Tax.....8 million.....48.0
- Gas Tax.....15 million.....90.0
- City Urban Federal Aid...4 million.....24.0
- Other.....3 million (typical)....18.0

- RTSD 12M

- STATE 7M

- TMT 8M

- BR 18M

45M

Special projects  
in 6 year CIP  
-“Antelope Valley”  
-“East ‘O’ St”  
-“Harris Over Pass”

**\$180 million**

**45 million**

**\$225 million**

**\$ 24 million**

Plus Cash Balance

**Dollars available for next 6 years**

**\$ 249 million**

# *Street Improvements*

**Dollars available for next 6 years**

**\$249 million**

- 6 years maintenance - \$ 42 million
- 6 years rehab. - \$ 36 million
- Current cash commitment - \$ 30 million

**Dollars Available for Projects \$141 million**

6 year CIP - \$255 million

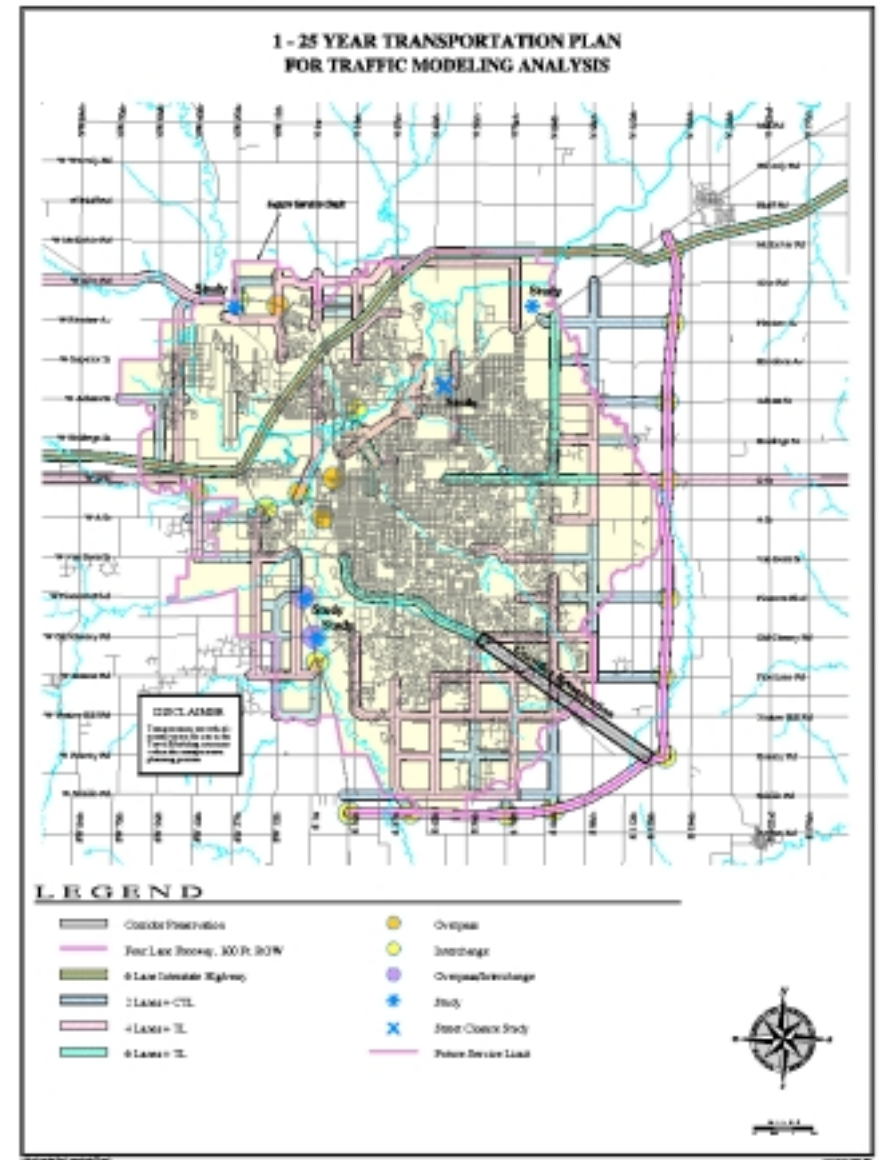
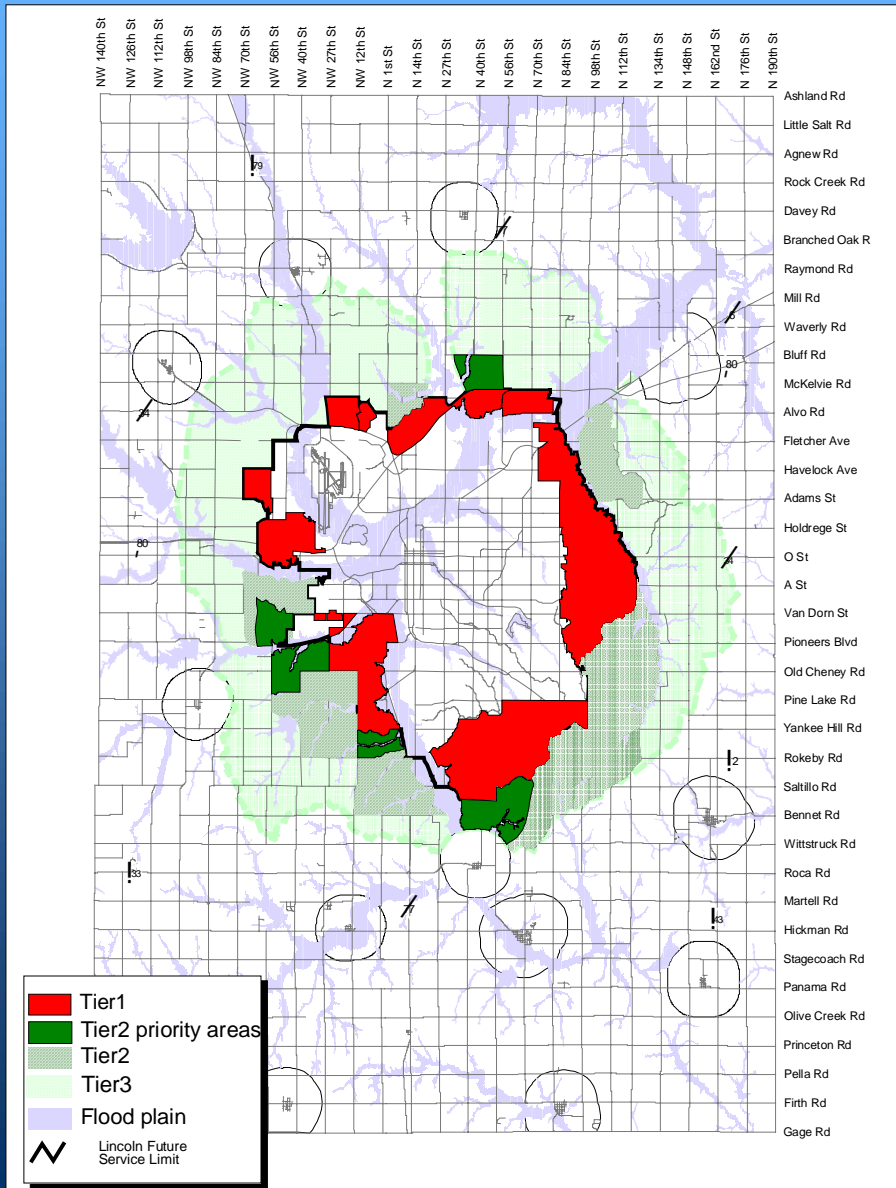
**GAP>>>>>>>>>> \$114 million**

+ Beltway

\$114 million

\$228 million

# Street Improvements



**Streets and Roadway Improvements**

The map shows the City of Antelope with a grid of streets. Key streets include Waverly Rd, Cliff Rd, Madeline Rd, Alvo Rd, Fletcher Av, Hawlock Av, Adams St, Holdrege St, O St, A St, Van Com St, Pioneers Blvd, Old Cheney Rd, Pine Lake Rd, Yankee Hill Rd, Roxbury Rd, Sallis Rd, Bennett Rd, and Wilstruck Rd. Major highways shown are 34, 99, 8, and 17. The map is color-coded by project tier: Tier 1 (red), Tier 2 (green), and Tier 3 (blue). Flood plains are indicated by yellow shading. The legend at the bottom details the Staged Network (City Projects) and funding sources.

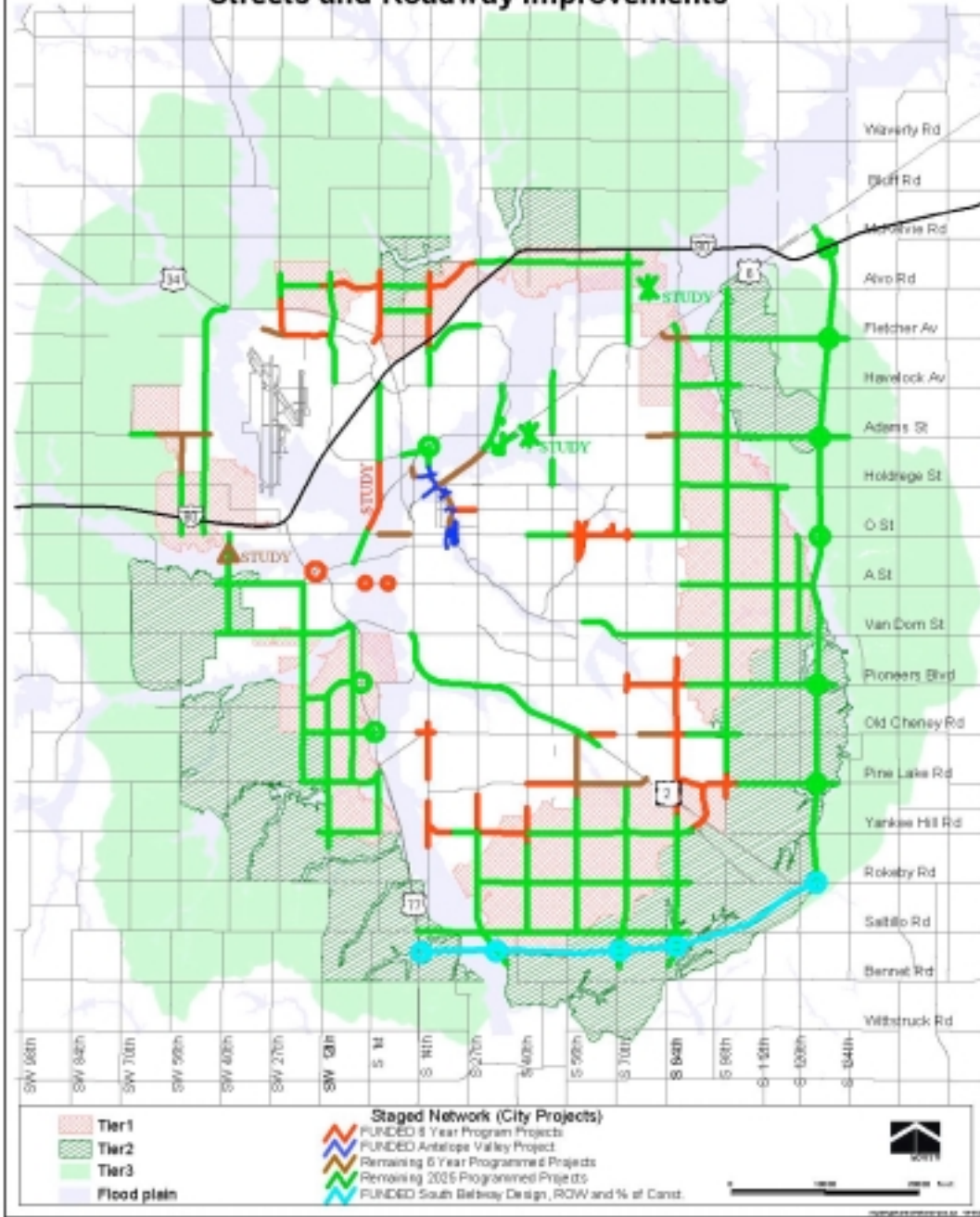
**Legend:**

- Tier1** (Red)
- Tier2** (Green)
- Tier3** (Blue)
- Flood plain** (Yellow)

**Staged Network (City Projects)**

- FUNDED 5 Year Program Projects
- FUNDED Antelope Valley Project
- Remaining 5 Year Program Projects
- Remaining 2025 Programmed Projects
- FUNDED South Gateway Design, ROW and % of Const.

**Scale:** 0 to 1000 Feet





- Current commitments on cash

- 2002 Rehabilitation \$0.90 million
- Miscellaneous projects \$2.00 million

Such as

- NW 27th St.
- Traffic optimization (ITS)
- Traffic studies
- Preliminary engineering

- Major Roadway Projects \$13.20 million

Such as

- South Beltway
- Pine Lake Rd. - 40th to 56th
- Pioneers Blvd - 70th to 84th
- Old Cheney - Hwy #2 to 70th
- 'O' ST. - 52nd to Wedgewood
- 84th St. - Montello to Kathy
- 84th St. - Kathy to Old Cheney
- 1st St. Study
- N.48th Study

- Traffic/Signal Projects \$0.50 million

Such as

- Traffic calming
- Replace poles 16/17, G/N
- Fiber Capital Parkway, 17/40
- New traffic signals 00-02
- Replace traffic signal equip 01-02
- Traffic signal - Old Cheney & Tipperary
- Traffic signal - 27th & Folkways

- Paving subsidy projects \$5.90 million

Such as

- 14th & Yankee Hill
- 91st and Appian Way
- Stone Bridge Creek
- 7th St. 'N' to 'O'
- Saunders St. at 12th
- N 14th - Fletcher to Alvo

- Antelope Valley Project \$7.50 million

# Street Improvements

**Total \$30 million**

- 03 thru 08 Projects
  - Antelope Valley for flood control -\$ 5.6 million
    - Such as
      - 'J' St bridge
      - Channel Phase I, II, III Utility Relocation
      - N.E. Community Park
    - Annexation commitments -\$ 4.4 million
      - Such as
        - W. Alvo - NW 12th to N 1st
        - So. 14th Inf. To Y.H./ Y.H. - 14th to 19th
        - Yankee Hill -27th to 40th
        - So. 40th - north & south of Yankee Hill
      - 'O' St 52nd to Wedewood -\$ 9.8 million
      - Antelope Valley Priority Proj -\$60.0 million
        - Projects
          - 'A' - K to Q ROW
          - 'F' - Military Rd. to bridge
          - 'D'- Y St. bridge & roads
          - 'C'- Vine St bridge & roads
          - 'H'- N, P & Q St. bridges
          - 'I' - O St. bridge
          - 'E'- Big T
  - South Beltway -City's 20 match -\$24.0 million
  - S. 84th - Old Cheney to Amberhill -\$ 4.1 million
  - S. 14th - Old Cheney to Warlick -\$ 4.4 million
  - S. 27th - Pine Lake to Yankee Hill -\$ 1.8 million
  - Pine Lake - 84th to 98th & 98th N/S -\$ 4.5 million
  - 'A' St. bridge at Salt Creek -\$ 2.7 million
  - Traffic optimization -\$ 3.7 million
  - Emergency & Safety -\$ 5.4 million
  - Traffic signals -new/replace -\$ 7.7 million
  - Preliminary design -\$ 2.9 million

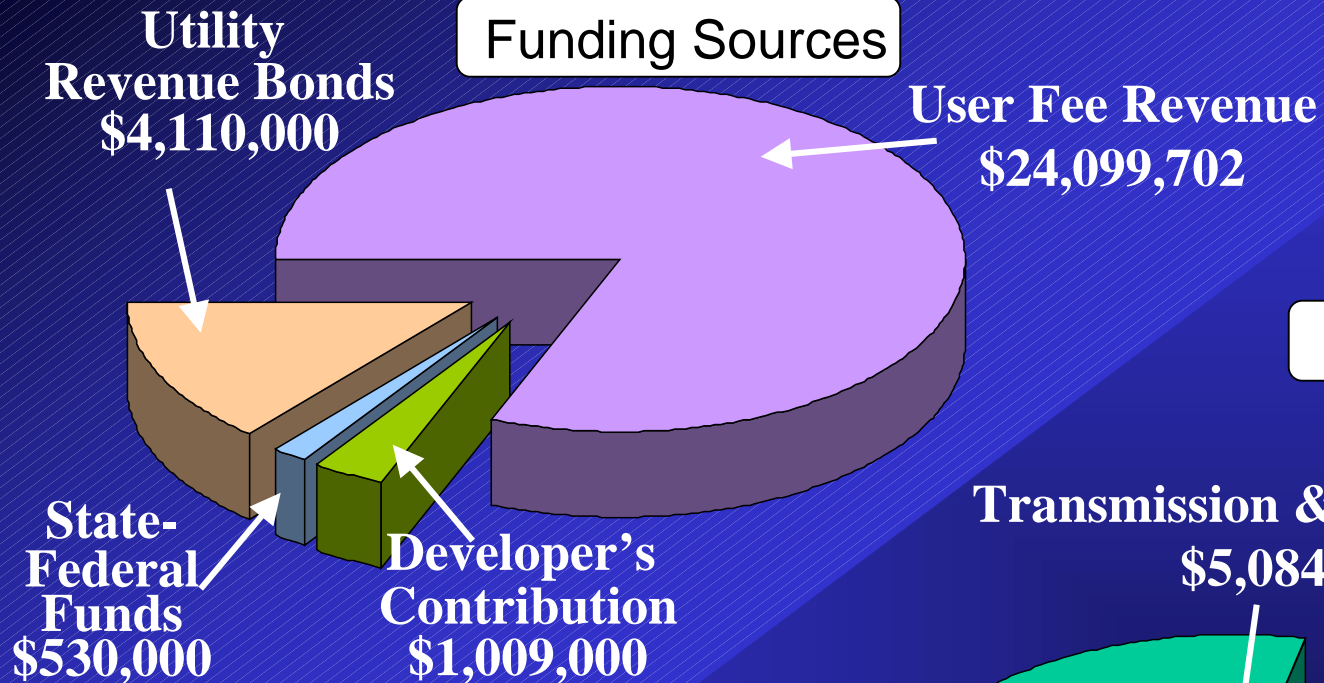
## 6 year needs

• Bikeway/Trails	\$0.63
• Alvo/Arbor, 14th to 27th	1.10
• 91st, So of Hwy #2	0.75
• Fletcher, NW 20th to NW13th	1.00
• Capitol Parkway West / 77	2.00
• Sun Valley - Cornhusker to 'O'	0.50
• Vine St., 21st to 26th	2.50
• Final design/ ROW	3.00
• Other 6 yr Subsidies	1.80
• Pine Lake - 40th to 56th	2.10
• Pine Lake - 56th to Hwy 2	4.00
• Old Cheney Rd. 70th to 84th	3.80
• S. 56th - Old Cheney to Pine Lake	4.80
• Fletcher Ave - Hwy 6 to 84th	1.10
• Landscaping for street project	0.60
• N. 10th St. SunValley to Military	2.90
• W. Fletcher - NW 31st to NW 27th	1.10
• Adams St. 75th to 84th St.	0.60
• W. Adams NW 63rd to NW 48th & NW 56th- Adams south ( Partial funding )	0.50
• SW 40th - 'O' to 'A' study	0.25
• Harris Overpass	15.00
• Antelope Valley	
– A K-Q const	15.70
– B Q-Y roadway	4.20
– G East leg Big X	41.80

**Total \$255 million**

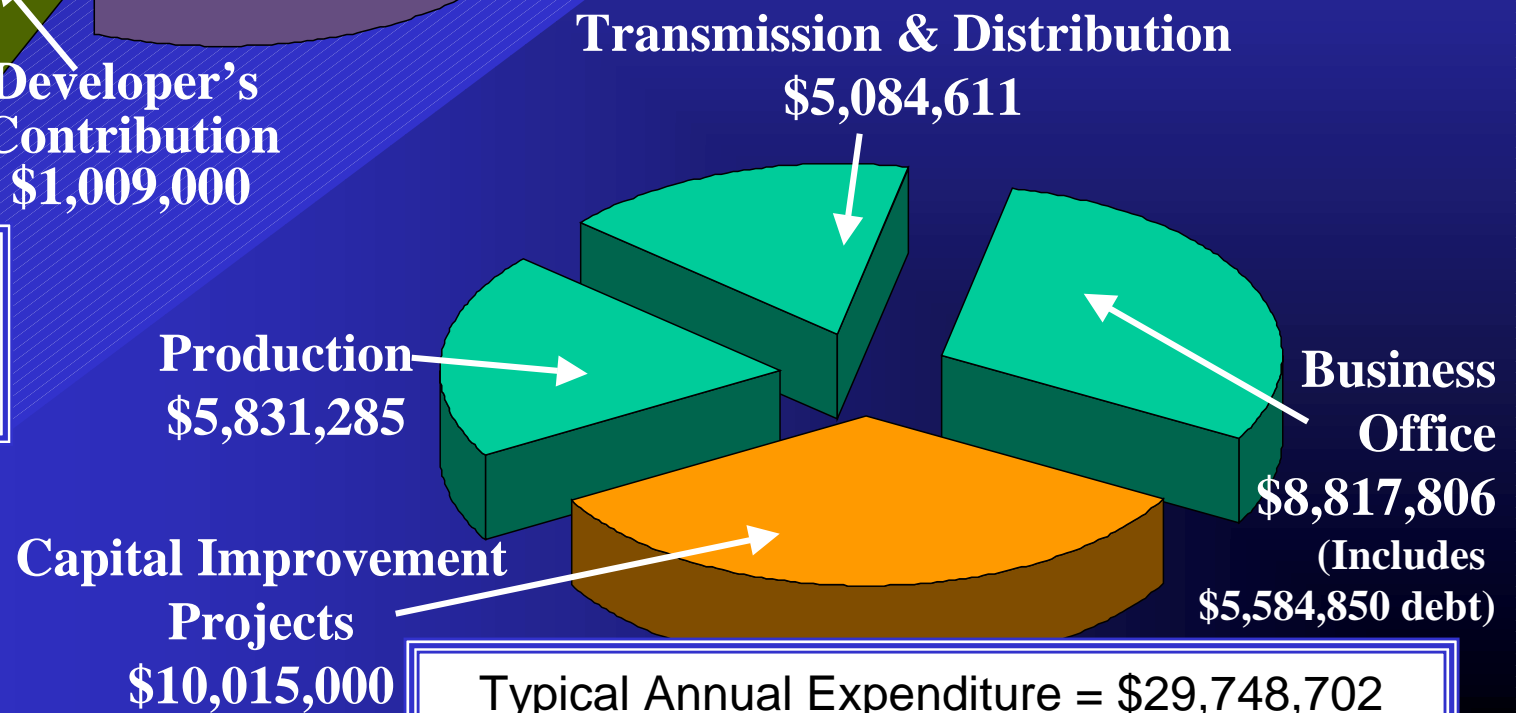
# Typical Year - Fiscal Year 2002-03 Water Enterprise Funds Operating Budget -Capital Improvements Budget

## Funding Sources



Typical  
Annual Revenue  
= \$29,748,702

## Expenditures

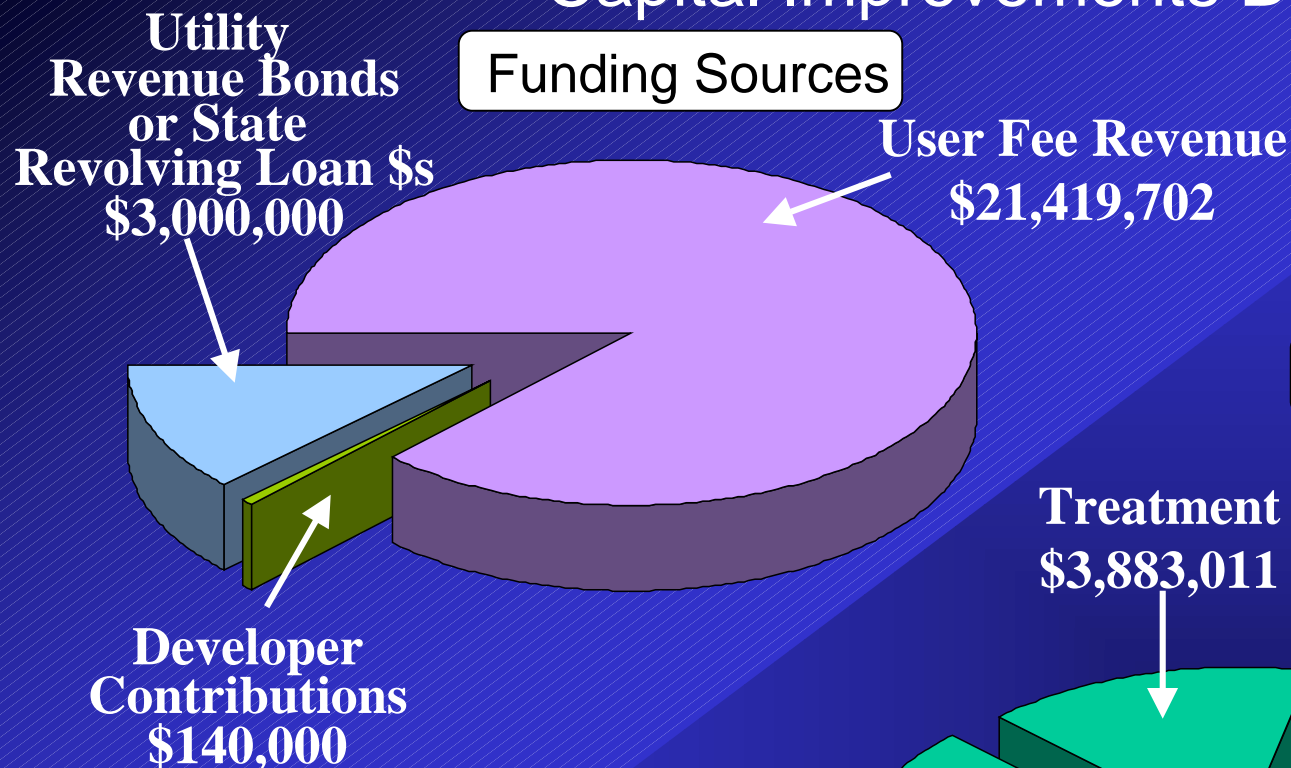


Typical Annual Expenditure = \$29,748,702



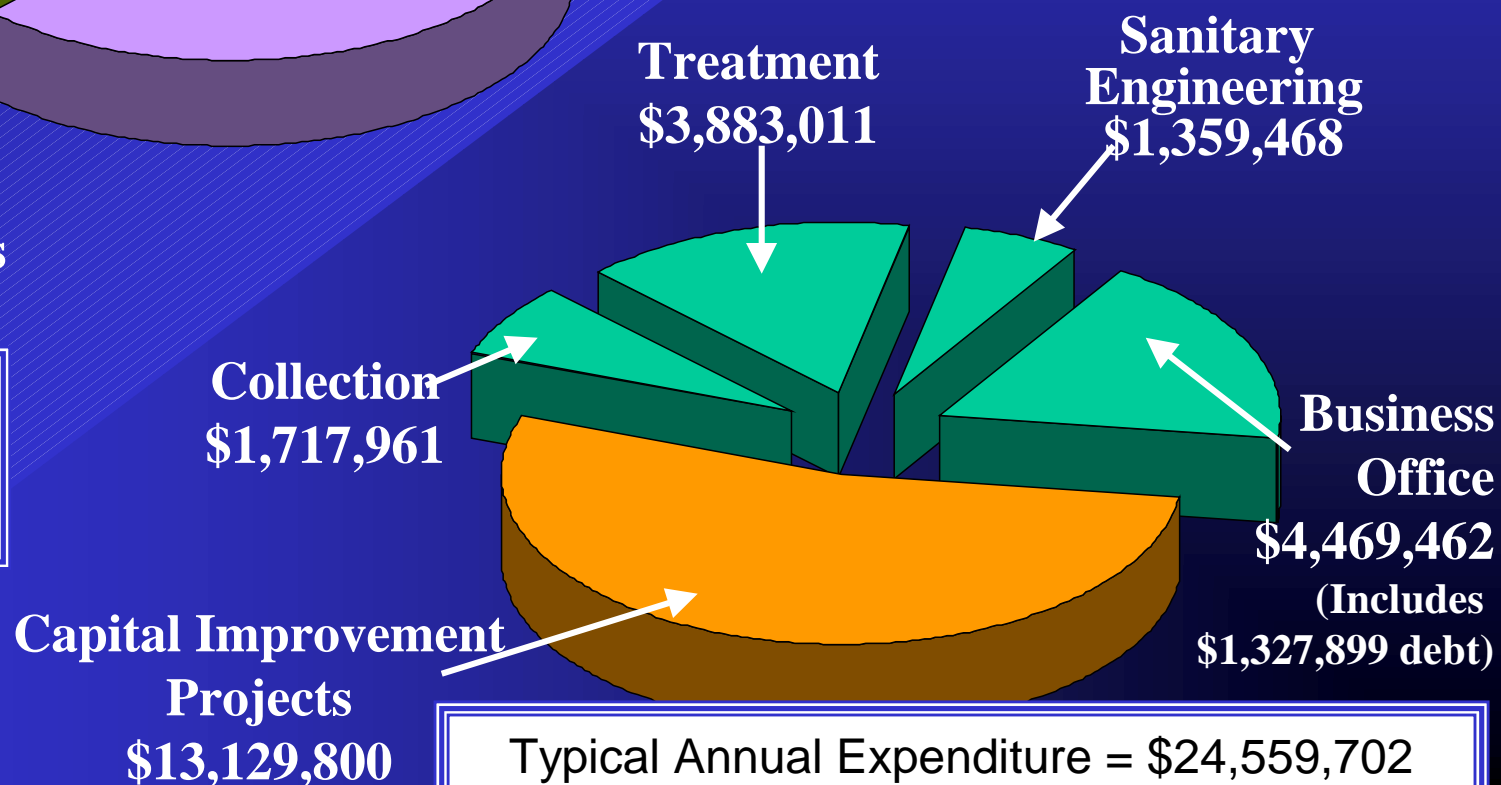
# Typical Year - Fiscal Year 2002-03 Wastewater Enterprise Funds Operating Budget - Capital Improvements Budget

## Funding Sources



Typical  
Annual Revenue  
= \$24,559,702

## Expenditures



Typical Annual Expenditure = \$24,559,702

# ***Water System***

- 6 yr. Revenue (w / 7% rate increases) \$139,800,000
- Bonds 8,500,000

---

\$148,300,000

- 6 yr. O & M Expense - 94,500,000
- 6 yr. Debt (Principal & Interest) - 36,200,000

---

**\$ Available for projects \$ 17,600,000**

- 3 months Operating Revenue - 2,000,000
- 6 yr. Rehab CIP - 11,300,000

---

**\$ Available for growth \$ 4,300,000**

- 6 Year CIP - 46,700,000

GAP>>>>>>>>>

**\$ 42,400,000**

# ***Water CIP 02/03 - 08/09***

Prioritized 6 Year CIP

**FUNDED**

***\$ x 1000***

(Assumes 7% rate increase, Fall 2002)

- |                                                                                |       |                |
|--------------------------------------------------------------------------------|-------|----------------|
| • Floating storage, ground storage & pumping station<br>84th & Yankee Hill Rd. |       | <u>\$2,263</u> |
| • Water Distribution Mains                                                     |       | <u>\$4,160</u> |
| – 48" 77th & Vine to 84th & Yankee Hill                                        | 2,050 |                |
| – 30" 16th & A to Coddington & Van Dorn                                        | 2,110 |                |
| • Water Transmission Pump Station & Mains                                      |       | <u>\$2,700</u> |
| – Pioneer Park Pump Station@ Coddington & Van Dorn                             | 600   |                |
| – Northeast Pump Station (Alvo Rd.)                                            | 800   |                |
| – Northeast Transfer Pump                                                      | 1,300 |                |
| • Selected Main Replacement                                                    |       | <u>\$5,317</u> |
| – \$1,200 / year (Note: Project total is actually \$7,500)                     |       |                |
| • General System Improvements                                                  |       | <u>\$ 800</u>  |
| – Datalink                                                                     | 800   |                |
| • Wellfield Supply & Treatment                                                 |       | <u>\$ 350</u>  |
| – Ozone cooling system                                                         |       |                |

**Total Funded**

**\$ 15,600**

# Water CIP 02/03 - 08/09

## Prioritized 6 Year CIP UNFUNDED

**\$ x 1000**

• Floating storage, ground storage & pumping station		<u>\$ 0</u>
• Water Distribution Mains		<u>\$10,976</u>
– 16" Pine Lake Rd, 94th to 98th	163	
– 16" Coddington & Van Dorn to Folsom & Pioneer	1,060	
– 24" 84th & Pine Lake to Amber Hill Rd	247	
– 24" 14th, Fletcher Ave. to Alvo Rd., 27th & I-80	1,680	
– 56th - Amber Hill Rd. to Yankee Hill Rd.	670	
– Yankee Hill Rd., 27th to 56th	1,850	
– 24" Widgeon Rd. to N-2	406	
– 24" Hwy 34, 1st to NW 12th to Fletcher Ave.	1,400	
– 24" 84th, Amber Hill to Yankee Hill Rd.	500	
– Subsidies	3,000	
• Water Transmission Pump Station & Mains		<u>\$27,100</u>
– 30" Fletcher - 1st to 4th	1,200	
– 54" Greenwood to Lincoln	23,000	
– 36" Yankee Hill Rd., 84th to 56th	2,900	
• Selected Main Replacement		<u>\$ 0</u>
• General System Improvements		<u>\$ 1,760</u>
– Prelim design	180	
– Facilities plan	980	
– Control sys. Upgrade- Ashland	600	
• Wellfield Supply & Treatment		<u>\$ 980</u>
– Well replacement		

**Total Unfunded**

**\$ 42,400**

***\* Water Division***

***Committed Project Balances***

***End FY 01/02***

• General System Improvements	\$ 1,513,746
– 18 subsidy main projects	
– 7 other projects	
• Ground storage reservoir	\$ 50
– Vine St. reservoir	
• Floating storage reservoir	\$ 1,627,496
• Pumping station	\$ 1,106,071
– 9 projects	
• Water distribution mains	\$ 2,054,489
• Water trans. pump station mains	\$ 1,594,140
– 8 projects	
• Selected main replacement	\$ 2,054,489
– 30 projects	
• Wellfield	\$ 219,305
• Treatment	\$ 298,238
<b>* Not reconciled</b>	<b>\$ 10,643,315</b>



# ***Wastewater System***

- 6 yr. Revenue (No rate increases) \$107,100,000
- Bonds 27,000,000

---

**\$134,100,000**

- 6 yr. O & M Expense - 71,000,000
- 6 yr. Debt (Principal & Interest) - 14,400,000

---

**\$ Available for projects \$ 48,700,000**

- 3 months Operating Revenue - 2,200,000
- 6 yr. Rehab CIP - 24,200,000

---

**\$ Available for growth \$ 22,300,000**

- 6 Year CIP - 41,700,000

**GAP>>>>>>>>>>**

**\$ 19,400,000**

***Wastewater Division***  
***Committed Project Balances***  
***End FY 01/02***

• General System Improvements	\$ 88,819
– 9 projects, 1 subsidy	
• Theresa St.	\$10,566,498
– 11 projects	
• Northeast Treatment Plant	\$ 6,241,016
• Trunk Sewer Improvements	\$ 1,677,637
– 19 projects	
• Lift stations	\$ 113,564
• Replacement projects	\$ 403,066
<b>Available balance</b>	<b>\$ 19,090,600</b>

# ***Wastewater CIP 02/03 - 08/09***

Prioritized 6 Year CIP

## **FUNDED**

***\$ x 1000 (No rate increase)***

• <b>Collection Syst. Rehab</b>		<b><u>\$ 6,200</u></b>
– Replacement & Repairs	500	
– Treatment / Collector Replacement	4,400	
– Manhole Repair/Replacement	900	
– Facilities Study	400	
• <b>Trunk Sewer</b>		<b><u>\$19,300</u></b>
– S.V. - Vine St. to 4th & 'K'	5,000	
– S.V. - 4th & 'K' to 4th & Van Dorn	6,700	
– S.V. - 4th & Van Dorn to 5th & Pioneers	4,600	
– Beals - Penn. To 27th	2,900	
– Beals - 27th to 56th (D)	100	
• <b>Treatment</b>		<b><u>\$20,700</u></b>
– Theresa St. Nitrif.	13,700	
– Primary	900	
– Grit Basin	4,400	
– NETP Nitrif.	1,100	
– B & R Screens	600	
• <b>General Services</b>		<b><u>\$ 0</u></b>

**Total Funded**

**\$ 46,200**

(Note: Actually available fund \$46,500)

# Wastewater CIP 02/03 - 08/09

## Prioritized 6 Year CIP UNFUNDED

\$ x 1000

• <b>Collection Syst. Rehab</b>		\$ 800
– Oak Crk Repl NW 44th to W. Mathis	400	
– Lynn Crk	200	
– Storage Bldg	200	
• <b>Trunk Sewer</b>		\$ 13,400
– I-80 - N. 14th & Wildcat	300	
– S.V. - Pioneer to Old Cheney	2,500	
– Beals Relief 27-56	4,500	
– Beals Trunk 65th to 70th & Yankee Hill	600	
– Little Salt Crk 14 & Humphrey -7th & Alvo	100	
– Northeast Salt Crk *	500	
– West 'O' - SW 40th to NW 48th & I-80	1,600	
– S.V.-Extend Trunk 27th & Yankee Hill/Rokeby	1,500	
– Oak Crk - NW 38th - NW 40th & Hwy #34	1,200	
– Stevens Prelim	300	
– Beals 65th & Pine Lake - 56th & Yankee Hill	300	
• <b>Treatment</b>		\$ 4,100
– Theresa St. - Primaries 5,6: DAF BLDG*	1,400	
– Pumping & headliners	600	
– Solids thickening	100	
– New Digester	300	
– NETP Grit Facil.	1,000	
– Primary Mods.	100	
– SSO Treatment	400	
– Electrical & Control	200	
• <b>General Services</b>		\$ 1,100
– Collection subsidies	900	
– Prelim Design *	100	
– Facilities update	100	

**Total Unfunded**

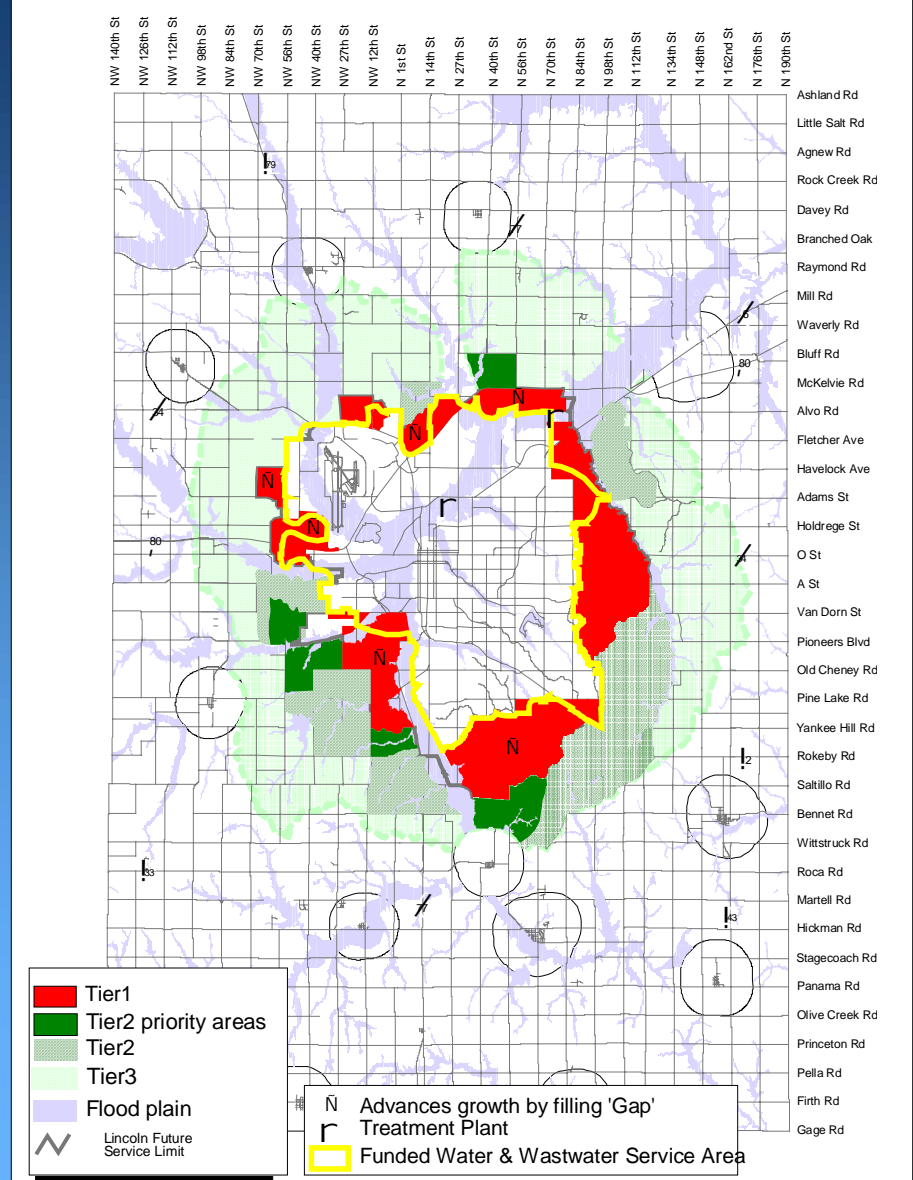
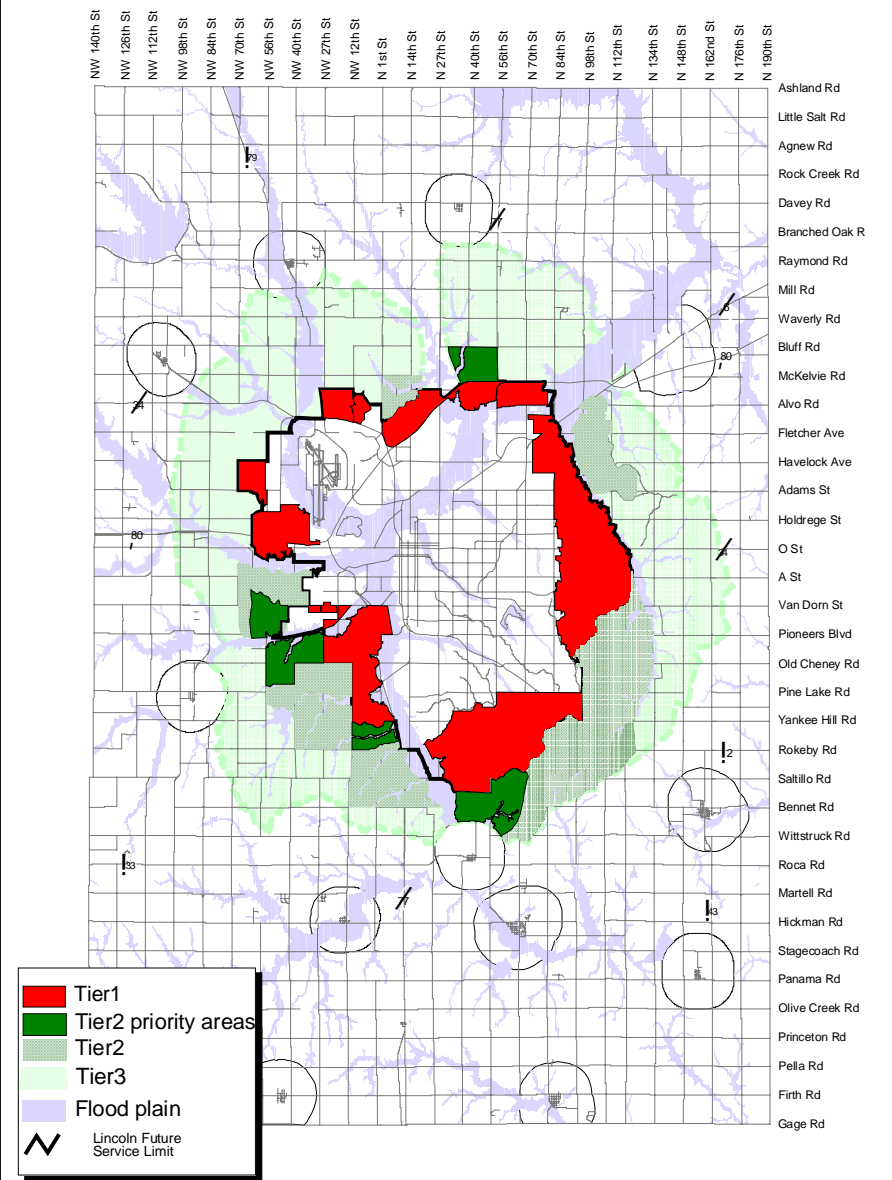
**\$ 19,400**

\* Rounded down(Rounding up, \$19,700:Actual Proj total \$19,193)

# 2025 Comprehensive Plan

## Funded Water & Wastewater Service Area

### Estimated Oct. 2002





# Lincoln Water System

New mains added from 1990-2000

